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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/685,914
Filing Date	10/15/2003
First Named Inventor	Copeland
Art Unit	3679
Examiner Name	Bochna, David E.
Attorney Docket Number	

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 3606402	09-20-1971	Medney	
		US- 4396210	08-02-1983	Spencer	
		US- 4428604	01-31-1984	Conner	
		US- 4524505	06-25-1985	Conner	
		US- 4606559	08-19-1986	Rammelsberg	
		US- 4643466	02-17-1987	Conner, et al	
		US- 4662656	05-05-1987	Douglas, et al	
		US- 4685708	08-11-1987	Conner, et al	
		US- 5328215	07-12-1994	Grenier	
		US- 5496073	03-05-1996	Grenier	
		US- 5897146	04-27-1999	Saito, et al	
		US- 5918914	07-06-1999	Morris	
		US- 6299217	10-09-2001	Saito, et al	
		US- 6568658	05-27-2003	Strome	
		US-			
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		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 09/590586	06-08-2000	Holmes	
		US- 10/774544	02-09-2004	Holmes	
		US- 2004/0155458 A1	08-12-2004		
		US- 10/841197	05-07-2004	Holmes	
		US- 2005/0006855 A1	01-13-2005		
		US- 10/950263	09-24-2004	Copeland	
		US- 2005/0067836 A1	03-31-2005		
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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7-12-05

IFW



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July 11, 2005

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Application Serial Number: 10/685,914  
Filed: October 15, 2003  
Inventor: Copeland  
Group Art Unit: 3679  
Examiner: Bochna  
Attorney Docket Number: P53569US01NJ

Via Express Mail No. EV 302015995 US

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT (IDS)

Dear Sirs:

The enclosed Information Disclosure Statement is submitted under 37 CFR 1.97(b)(4). (This filing is believed to occur before the mailing of a first office action after the filing of an RCE).

Applicant by submitting the references taken alone or in combination neither represents nor admits that such references anticipate or render obvious the present invention. It is requested that the information disclosed herein be made of record in this application, and consideration of all references in relation to this application is respectfully requested.

The last page of the IDS lists a number of references in which the Assignee claims ownership by assignment. (Other references on other pages may be owned by Assignee). Those references on that page that are still pending are identified by both serial number and filing date (placed in the "Publication Date" column), and by publication number and publication date where known, for convenience of the examiner. Applicant has checked and believes that all of these pending references are in the IFW system.

Nathan W. Johnson  
Reg. No. 44,173

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ENEP R-NF

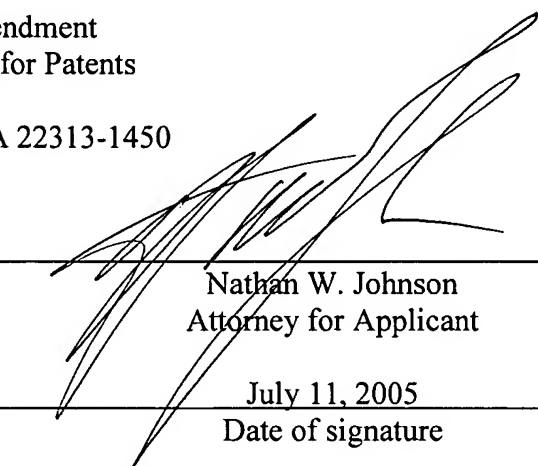


**CERTIFICATE OF EXPRESS MAILING**

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on July 11, 2005.

  
\_\_\_\_\_  
Nathan W. Johnson  
Attorney for Applicant

July 11, 2005  
\_\_\_\_\_  
Date of signature

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If, after processing the enclosed items, any charges, fees, or sums due remain unpaid in connection with this correspondence, I hereby authorize the Commissioner of Patents and Trademarks to charge all such remaining fees, charges, and other sums due to Deposit Account Number 50-0954.

  
\_\_\_\_\_  
Nathan W. Johnson